Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 12 Apr 2022 until 23:59 on Wednesday 13 Apr 2022

Forecast Issued on Monday 11 Apr 2022 at 16:44

Confidence: High overall. Medium for details of low cloud, becoming low from Wednesday.

Headline for Tuesday 12 Apr 2022: Cloudy with occasionally heavy rain in the morning, drier later.

Mountain weather hazards on Tuesday 12 Apr 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Heavy Rain	Light rain	Dull	Fog	Fog
Precipitation probability							
20%	10%	50%	80%	80%	30%	20%	20%

Forecast for Tuesday 12 Apr 2022

Weather: Cloudy through the early hours but mainly dry. Outbreaks of rain moving north through the morning, clearing in the early part of the afternoon. This will be heavy at times, and perhaps thundery. A drier end to the day but rather dull with low cloud and occasional fog above 300 m.

Chance of cloud-free hill tops above 800m: 80% in the morning, decreasing 40% in the afternoon and 10% in the evening.

Low cloud and visibility: Good visibility occasionally lowering poor in rain, and very poor later with low cloud and associated fog above 300 m.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 12 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	27/33 SE	20/26 SE	20/25 E	24/29 SE	21/27 SE	17/22 S	14/18 SW	14/17 SW	16/20 SW
600	27/37 SE	21/28 SE	16/21 E	19/26 SE	18/25 SE	14/19 S	11/15 SW	10/13 SW	11/15 SW
300	11/26 SE	7/18 SE	6/17 E	4/14 SE	7/18 SE	7/15 S	5/12 SW	3/10 SW	5/13 SW
Valley	11/26 E	8/18 E	6/12 NE	4/15 E	6/14 SE	5/12 SW	3/8 SW	3/8 SW	5/10 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	5/-1	6/2	6/1	6/2	6/2	6/2	6/2	5/1	4/-1
600	5/-1	6/1	6/2	7/3	8/4	8/5	8/5	6/4	6/2
300	8/5	8/6	8/6	9/8	10/9	10/9	10/9	8/7	7/6
Valley	9/7	9/8	9/8	10/9	11/10	11/10	10/10	9/8	8/7
Freezing Level*	2100m	2100m	2200m	2200m	2100m	2000m	1900m	1800m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Forecast for Wednesday 13 Apr 2022

Weather: A dry day with a rather dull morning, turning brighter in the afternoon. Low cloud and associated fog above 400 m will give poor visibility in the morning. This will lift and break through the afternoon giving some bright or sunny spells, and a chance of an odd shower. Low cloud and fog at times in the evening. Light southwesterly winds.

Maximum wind: Southwesterly mean 15 mph.

Chance of cloud-free hill tops above 800m: 30% in the morning, 80% in the afternoon, 40% in the evening.

Low cloud and visibility: Good visibility away from any low cloud and associated fog above 400 m, where visibility will be very poor.

Temperature: **Valleys:** Plus 8 Celsius rising to plus 13 Celsius.
At 800m: Plus 4 Celsius rising to plus 6 Celsius.
Freezing level: Above summits.

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Ground Conditions Supplement

Date: Monday 11 April 2022 Location: Helvellyn summit at 12:10 Full report: There is currently a significant contrast between the warmth of the green sheltered valleys and the exposed snow covered high fells with sub zero windchill temperatures (what the temperature feels like - which was minus 4 degrees at midday). The snowline is around 700m and there is also a contrast in coverage with significantly less snow, or even none, on sunny south facing aspects right up to summit level whereas shady north and east facing slopes have been more resistant to the slow thaw. Where undisturbed, the snow is now soft; however on popular routes, where it has been compacted by walkers' boots, it is firmer and, in some cases, icy. The deepest drifts are to be found in sheltered spots and hollows and on steep north & east facing slopes above 900m where depths of over 50cm can be found – although such depth is the exception. There are cornices (snow overhangs) over steep north and east facing slopes. Although very small they are weakening in the milder temperatures so please keep well back from such edges and advise those with less experience to do likewise as there were footprints far, far too close to the edge of Helvellyn's corniced east face. Exposed routes above the snowline are in mixed condition and require extreme care. For example the crests of both Striding and Swirral edges were both bone dry grippy (if that's a word!) rock. However, this lulled walkers into a false sense of security as both exits are guarded by steep, deep unavoidable snow. Today the snow was mostly soft to firm although there was ice in the steps cut into Striding's snowy exit. It would only take a marginal drop in temperature for this snow to harden. Therefore anyone attempting such routes should have an ice axe in case they slip on the steep snow and microspikes/crampons in case harder snow/ice is encountered. As mentioned, there is a marked difference in conditions between the valleys and the high fells as those dressed in shorts quickly discovered! Thus for those venturing on the high fells full winter clothing (waterproofs, extra warm layers, hat & gloves) and equipment - including a map and compass and the ability to use them in potentially poor visibility – are all essential. This is not just for safety but also for enjoyment as the summit today was a place to don extra clothing and linger to savour the spectacular vistas! Come properly dressed and equipped and enjoy! Temperature: plus 3.0 C, Maximum wind speed 26.2 mph, Wind chill: minus 3.8 C, Average wind speed: 12.2 mph.

Issued at: 1644 on Mon 11 Apr 2022

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